

ABSTRACT OF THE DISCLOSURE

Disclosed is a permanent magnet generator incorporated in a 3.5" diskette that can be used as an input/output adapter for memory cards that can generate a power generation output of 40 mW or more when the rotor of the generator is rotated at 300 rpm. The permanent magnet generator has such a construction that rotor magnetic poles are provided only on one end face of a disc-shaped permanent magnet serving as a rotor, a plurality of stator magnetic poles are provided only on that end face of the permanent magnet in such a manner as to face the rotor magnetic poles, and a soft magnetic hub is fixedly fitted to the other end face of the permanent magnet. Even when a bonded NdFeB magnet is used as the permanent magnet, a sufficient power can be produced.

106250 222989